

REMARKS

Claims 1-20 are pending. Claims 10 and 11 have previously been withdrawn. By this Amendment, claims 1, 7 and 8 are amended.

**I. Claims 7 and 8 Satisfy the Requirements of
35 U.S.C. §112, Second Paragraph**

The Office Action rejects claims 7 and 8 under 35 U.S.C. §112, second paragraph.

Claims 7 and 8 have been amended to obviate this rejection.

II. The Claims Define Patentable Subject Matter

The Office Action rejects claims 1-4, 9 and 12-20 under 35 U.S.C. §102(e) over U.S. Patent 5,905,633 to Shim et al. This rejection is respectfully traversed.

In the invention of claim 1, the tape is cut after the semiconductor chips are attached to the tape. Furthermore, the external terminals are provided after the tape is cut. This feature is not disclosed or suggested in U.S.P. 5,905,633 to Shim et al. Shim et al. does not disclose which step is carried out earlier, attaching semiconductor chips to a PCB strip, cutting the PCB strip into individual PCBs or when solder balls are provided.

It should be noted that Shim et al. in columns 3-5 disclose a pre-cut PCB 10 is attached to a frame 60, then a semiconductor chip 20 is attached to the PCB 10, and then the frame 60 is cut. Cutting PCB after attaching the semiconductor chip thereto is not disclosed. Thus, the embodiment in columns 3-5 is completely different from the present invention.

The Office Action rejects claims 1-4, 9 and 12-20 over Shim and further in view of U.S. Patent 6,326,696 to Horton et al. This rejection is respectfully traversed.

As discussed above, claim 1 defines patentable subject matter. Horton does not provide the deficiencies of Shim.

III. Conclusion

In view of the foregoing, Applicant respectfully submits that this application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place the application in even better condition for allowance, the Examiner is invited to contact the Applicant's undersigned representative at the telephone number listed below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Michael Britton
Registration No. 47,260

JAO:MB/jfl

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OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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